



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031

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**TRANSMITTAL
FORM**

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/625,183
	Filing Date	07/23/2003
	First Named Inventor	STONE, D.
	Art Unit	2874
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	L013 P00612-US1

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please Identify below):
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mark E. Tetreault Esquire Barlow, Josephs & Holmes, Ltd.
Signature	
Date	3/29/04

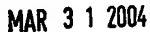
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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Complete if Known

Application Number	10/625,183
Filing Date	07/23/2003
First Named Inventor	STONE, D.
Art Unit	2874
Examiner Name	
Attorney Docket Number	L013 P00612-US1

Sheet	1	of	2
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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO98/37445	08/27/1998	Hitachi, Ltd.		

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/625183
		Filing Date	07/23/2003
		First Named Inventor	STONE, D.
		Art Unit	2874
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number L013 P00612-US1	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	L. Eldada and L. Shacklette, "Advances in Polymer Integrated Optics", IEEE J. Selected Topics in Quantum Electronics, v.6, no.1, pp.54-68, Jan/Feb 2000.	
	2	H. Erlig and H. Fetterman, "Polymer Modulators for the 40-Gbit/sec Market", Lightwave, pp.175-176, Aug. 2001	
	3	T.Sakata, H.Togo, M.Makihara, F.Shimokawa, K. Kaneko, "Improvement of Switching Time in a Thermocapillarity Optical Switch", J. Lightwave Technol., v.19, no 7, July 2001, pp.1023-27	
	4	J.Kobayashi, T.Matsuura, Y.Hida, S.Sasaki, T.Maruno, "Fluorinated Polyimide Waveguides with Low Polarization-Dependent Loss and Their Applications to Thermo-optic Switches", J. Lightwave Technol., v.16, no. 6, pp. 1024-1029, June 1998	
	5	P.Bessette and D. Stone, "Synthetic Grease" in Synthetic Lubricants and High Performance Functional Fluids, 2nd ed., L.Rudnick and M.Shubkin, eds., Marcel Dekker, Inc., NY, 1999	
	6	ASTM D-5771, "Standard Test Method for Cloud Point of Petroleum Products (Optical Detection Stepped Cooling Method)", available from American Society of Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959	
	7	D.Stone and P.Bessette, "Liquid Lubricants", in Space Vehicle Mechanism: Elements of Successful Design, P.Conley, ed., John Wiley & Sons, Inc., New York, 1998	

Examiner Signature	Date Considered
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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